IN THE CLAIMS

Please amend the claims as follows:

- 1. (Previously Presented) An article comprising:
- a first die disposed upon a mounting substrate, wherein the first die includes a first die active first surface and a first die backside second surface; and
- a molding compound cap abutting the first die and including a third surface that originates substantially above the first die active first surface and below the first die backside second surface, wherein the third surface that originates substantially above the first die active first surface includes:
 - a meniscus that originates substantially above the first die active first surface; and
 - a substantially planar surface that is parallel planar to the first die active first surface, and parallel planar located above the first die active first surface at a height that is a fraction of the die height.
- 2. (Canceled).
- 3. (Original) The article according to claim 1, wherein the third surface that originates substantially above the first die active first surface, includes:
 - a meniscus that originates substantially above the first die active first surface, and wherein the meniscus is selected from a capillary action meniscus and an imposed meniscus.
- 4. (Original) The article according to claim 1, wherein the third surface that originates substantially above the first die active first surface includes:
 - a meniscus that originates substantially above the first die active first surface; and a substantially planar surface that is coplanar to the first die active first surface.

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5. (Original) The article according to claim 1, further including a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, and wherein the molding compound cap abuts the second die.

- 6. (Withdrawn) The article according to claim 1, further including a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die, and wherein the molding compound exposes an upper surface of the mounting substrate between the first die and the second die.
- 7. (Original) The article according to claim 1, further including a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die, and wherein the molding compound includes a curvilinear profile between the first die and the second die.
 - 8. (Original) The article according to claim 1, further including:

a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die; and

a last die disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, wherein the molding compound cap abuts the last die.

9. (Original) The article according to claim 1, further including:

a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die;

a last die disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, wherein the molding compound cap abuts the last die; and

wherein the first die, the second die, and the last die are arranged in a configuration selected from:

the first die, the second die, and the last die are disposed in a single molding compound cap structure;

the first die, the second die, and the last die are each disposed in separate molding compound cap structures;

the first die and the second die are disposed in a single molding compound cap structure, and at least two occurrences of the last die are disposed in a single molding compound cap structure; and

the first die and the second die are each disposed in separate molding compound cap structures, and at least two occurrences of the last die are disposed in a single molding compound cap structure.

- 10. (Previously Presented) A package comprising:
- a first die disposed upon a mounting substrate, wherein the first die includes a first die active first surface and a first die backside second surface;
- a molding compound cap abutting the first die and including a third surface that originates substantially above the first die active first surface and below the first die backside second surface, and that is substantially parallel planar to the first die backside second surface; and
 - a heat spreader bonded to the first die backside second surface.
- 11. (Original) The package according to claim 10, further including: a heat sink in thermal contact with the heat spreader.
- 12. (Previously Presented) The package according to claim 10, wherein the third surface that originates substantially above the first die active first surface, includes:

a meniscus that originates substantially above the first die active first surface; and a substantially planar surface that is parallel planar to the first die active first surface, and located above the first die active first surface at a height that is a fraction of the die height.

13. The package according to claim 10, further including: (Original)

a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die; and

a last die disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, wherein the molding compound cap abuts the last die.

14. (Previously Presented) A computing system comprising:

a first die disposed upon a mounting substrate, wherein the first die includes a first die active first surface and a first die backside second surface;

a molding compound cap abutting the first die and including a third surface that originates substantially above the first die active first surface and below the first die backside second surface, wherein the third surface that originates substantially above the first die active first surface includes:

a meniscus that originates substantially above the first die active first surface; and

a substantially planar surface that is parallel planar to the first die active first surface, and parallel planar located above the first die active first surface at a height that is a fraction of the die height; and dynamic random access memory coupled to the first die.

15. (Original) The computing system according to claim 14, wherein the computing system is disposed in one of a computer, a wireless communicator, a hand-held device, an automobile, a locomotive, an aircraft, a watercraft, and a spacecraft.

16. (Original) The computing system according to claim 14, wherein the microelectronic die is selected from a data storage device, a digital signal processor, a micro controller, an application specific integrated circuit, and a microprocessor.

17. (Canceled).

18. (Original) The computing system according to claim 14, further including: a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die; and

a last die disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, wherein the molding compound cap abuts the last die.

19. (Original) The computing system according to claim 14, further including: a second die disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, wherein the molding compound cap abuts the second die; and

a last die disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, wherein the molding compound cap abuts the last die.

20. (Previously Presented) A processing system comprising:

a mold chase including a profile that is capable of causing molding cap compound to originate on a die at a die height that is substantially above the die active first surface and below the die backside second surface, and that forms a third surface that is substantially parallel planar to the die backside second surface.

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21. (Original) The processing system according to claim 20, wherein the profile is capable of forming a meniscus where the molding cap compound originates, wherein the meniscus is formed as one selected from a capillary action meniscus and an imposed meniscus.

- 22. (Original) The processing system according to claim 20, wherein the profile is capable of imposing an exposed upper surface upon a mounting substrate at a position between a first die cavity in the mold chase and a second die cavity in the mold chase.
- 23. (Original) The processing system according to claim 20, wherein the profile includes a first die cavity, a second die cavity contiguous the first die cavity, and a last die cavity contiguous the first die cavity,

wherein the first die cavity, the second die cavity, and the last die cavity are arranged in a configuration selected from:

the first die cavity, the second die cavity, and the last die cavity are disposed in a single molding compound cap cavity;

the first die cavity, the second die cavity, and the last die cavity are each disposed in separate molding compound cap cavities;

the first die cavity and the second die cavity are disposed in a single molding compound cap cavity, and at least two occurrences of the last die cavity are disposed in a single molding compound cap cavity; and

the first die cavity and the second die cavity are each disposed in separate molding compound cap cavities, and at least two occurrences of the last die are disposed in a single molding compound cap cavity.

24. (Currently amended) A process comprising:

forming a molding compound cap over a first die that is disposed upon a substrate, wherein the first die includes a first die active first surface and a first die backside second surface, and wherein forming the molding compound cap includes forming a molding compound cap third surface that is parallel planar and above the first

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die active first surface and below the first die backside second surface, and wherein the molding compound cap third surface includes:

a meniscus that originates substantially above the first die active first surface; and a substantially planar surface that is parallel planar to the first die active first surface, and parallel planar located above the first die active first surface at a height that is a fraction of the die height.

- 25. (Original) The process according to claim 24, wherein forming a molding compound cap third surface includes forming the meniscus selected from a capillary action meniscus and an imposed meniscus.
- 26. (Previously Presented) The process according to claim 24, further including: forming the molding compound cap over a second die that is disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, and wherein forming the molding compound cap includes forming the molding compound cap third surface parallel planar and above the second die active first surface and below the second die backside second surface.
 - 27. (Original) The process according to claim 24, further including:
 forming the molding compound cap over a last die that is disposed upon the
 mounting substrate, wherein the last die includes a last die active first surface and a last
 die backside second surface, and wherein forming the molding compound cap includes
 forming the molding compound cap third surface above the last die active first surface
 and below the last die backside second surface.
- 28. (Original) The process according to claim 24, wherein forming the molding compound cap includes injection molding the molding compound with a particulate.
 - 29. (Original) The process according to claim 24, further including:

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forming the molding compound cap over a second die that is disposed upon the mounting substrate, wherein the second die includes a second die active first surface and a second die backside second surface, and wherein forming the molding compound cap includes forming the molding compound cap third surface above the second die active first surface and below the second die backside second surface; and

forming the molding compound cap over a last die that is disposed upon the mounting substrate, wherein the last die includes a last die active first surface and a last die backside second surface, and wherein forming the molding compound cap includes forming the molding compound cap third surface above the last die active first surface and below the last die backside second surface.

30. (Original) The process according to claim 24, wherein forming the molding compound cap is selected from injection molding, in situ thermal curing, pick-and-place coupling the molding compound cap with the first die, and combinations thereof.